

FIG. 1

BASE STATION 1

TPC COMMAND

COMMUNICATION TERMINAL

5 BASE STATION 2

FIG. 2

BASE STATION 1

TPC COMMAND (UP)

10 TPC COMMAND (DOWN)

COMMUNICATION TERMINAL

BASE STATION 2

FIG. 3

15 BASE STATION 1

TPC COMMAND (DOWN)

TPC COMMAND (DOWN)

COMMUNICATION TERMINAL

BASE STATION 2

20

FIG. 4

42 TRANSMISSION RADIO SECTION

40 SPREADING SECTION

38 MODULATION SECTION

25 36 CODING SECTION

TRANSMISSION DATA

34 OFFSET EXTRACTION SECTION

	26	TPC COMMAND GENERATION SECTION
	24	SIR MEASUREMENT SECTION
	14	RECEPTION RADIO SECTION
	16	DESPREADING SECTION
5	18	DEMODULATION SECTION
	20	DECODING SECTION
		RECEPTION DATA
	22	TPC COMMAND EXTRACTION SECTION
	30	HO JUDGMENT SECTION
10	28	PILOT MEASUREMENT SECTION
	32	OFFSET CALCULATION SECTION

FIG. 5

RECEPTION POWER

15	REQUIRED OFFSET AMOUNT
	TIME

FIG. 6

	80	TRANSMISSION RADIO SECTION
20	78	SPREADING SECTION
	76	MODULATION SECTION
	74	CODING SECTION
		TRANSMISSION DATA
	72	OFFSET CALCULATION SECTION
25	68	OFFSET EXTRACTION SECTION
	66	TPC COMMAND GENERATION SECTION
	64	SIR MEASUREMENT SECTION

70 HO JUDGMENT SECTION

HO INFORMATION

54 RECEPTION RADIO SECTION

56 DESPREADING SECTION

5 58 DEMODULATION SECTION

60 DECODING SECTION

RECEPTION DATA

62 TPC COMMAND EXTRACTION SECTION

10 FIG. 7

RECEIVED SIR

TARGET SIR

REQUIRED OFFSET AMOUNT

SHO START

15 TIME

FIG. 8

BASE STATION 1

TPC COMMAND (UP)

20 TPC COMMAND (DOWN)

COMMUNICATION TERMINAL

BASE STATION 2

OFFSET  $\Delta P_{up}$

25 FIG. 9

BASE STATION 1

TPC COMMAND (DOWN)

TPC COMMAND (DOWN)  
COMMUNICATION TERMINAL  
BASE STATION 2  
OFFSET  $\Delta P_{\text{down}}$

5

FIG. 10  
BASE STATION TRANSMISSION  
SHO START  
SHO STATE

10 SHO END

HS-DPCCH (DOWNLINK)  
A-DPCH (DOWNLINK)  
1 TIME SLOT  
TIME

15 TIME

COMMUNICATION TERMINAL TRANSMISSION  
HS-DPCCH (UPLINK)  
A-DPCH (UPLINK)  
TIME

20 TIME

DATA SEGMENT  
PILOT  
TPC COMMAND  
OFFSET

25